

WEST Search History

DATE: Thursday, October 03, 2002

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=OR</i>			
L40	(michel adj jolivet)[IN]	0	L40
L39	(michel adj arnaud)[IN]	0	L39
L38	(colette adj jolivet)[IN]	1	L38
L37	(pascal adj dalbon)[IN]	0	L37
L36	(pascal adh dalbon)[IN]	6269	L36
L35	(mirielle adj sebbag)[IN]	0	L35
L34	(michel adj simon)[IN]	4	L34
L33	(guy adj serre)[IN]	1	L33
<i>DB=USPT; PLUR=YES; OP=OR</i>			
L32	@FD <= 1996	0	L32
<i>DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=OR</i>			
L31	(1996)[PD]	0	L31
L30	@FD <= 1996	0	L30
L29	@FD <= 1996	0	L29
L28	L27 and sequenc\$	400	L28
L27	L26 and (17 or 18 or 110)	407	L27
L26	L25 and (citrulline or arginine)	415	L26
L25	L24 and 14 and 16	955	L25
L24	(116 or 117 or 118 or 119 or 120) and 13	1097	L24
L23	filaggrin\$ or antifilaggrin\$	76	L23
L22	filaggrin or antifilaggrin	70	L22
L21	(116 or 117 or 118 or 119 or 120) and 111	91	L21
L20	((((530/403)!CCLS.)))	671	L20
L19	((((530/350)!CCLS.)))	7256	L19
L18	((((436/516)!CCLS.)))	213	L18
L17	((((436/506)!CCLS.)))	256	L17
L16	((436/509)!CCLS.)	136	L16
L15	L11 and 15	7	L15
L14	L11 and (15 or 16)	307	L14
L13	L11 and (15 or 16 or 17 or 18)	315	L13
L12	L11 and (14 or 15 or 16 or 17 or 18)	316	L12

L11	L10 and l3	318	L11
L10	carrier adj molecule\$	2843	L10
L9	carrier and molecule\$	83715	L9
L8	conjugat\$	131996	L8
L7	label\$	268072	L7
L6	antibod\$ or autoantibod\$	121013	L6
L5	citrulline and arginine	1322	L5
L4	antigen\$	84669	L4
L3	rheumatoid	24834	L3
L2	L1	29	L2

DB=USPT; PLUR=YES; OP=OR

L1	antigen and (filaggrin or antifilaggrin)	29	L1
----	--	----	----

END OF SEARCH HISTORY

Connecting via Winsock to Dialog

Logging in to Dialog

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

ENTER PASSWORD:

Welcome to DIALOG

Dialog level 02.09.15D

```
>>> Cost Estimate prior to Disconnect, information only
>>>      03oct02 12:15:59 User268147 Session D11.3
>>>      $7.17      1.280 DialUnits File5
>>>      $0.00      69 Type(s) in Format  6
>>>      $0.00      69 Types
>>>      $7.17 Estimated cost File5
>>>      $3.14      0.184 DialUnits File357
>>>      $3.14 Estimated cost File357
>>>      $1.22      0.383 DialUnits File155
>>>      $0.00      8 Type(s) in Format  8
>>>      $0.00      8 Types
>>>      $1.22 Estimated cost File155
>>>      $1.79      0.199 DialUnits File172
>>>      $1.79 Estimated cost File172
>>>      OneSearch, 4 files,  2.045 DialUnits FileOS
>>>      $2.60 TELNET
>>>      $15.92 Estimated cost this search
>>>      $16.57 Estimated total session cost  2.282 DialUnits
>>>
```

Reconnected in file OS 03oct02 12:19:12

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2002/Sep W5
(c) 2002 BIOSIS

*File 5: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 357:Derwent Biotech Res. 1982-2002/June W1
(c) 2002 Thomson Derwent & ISI

*File 357: File enhancements now online. See HELP NEWS 357.

Alert feature enhanced for multiple files, etc. See HELP ALERT.

File 155:MEDLINE(R) 1966-2002/Sep W5

*File 155: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 172:EMBASE Alert 2002/Sep W5

(c) 2002 Elsevier Science B.V.

Set Items Description

--- -----

Cost is in DialUnits

? b 410

```
      03oct02 12:19:12 User268147 Session D11.4
      $0.12      0.022 DialUnits File5
$0.12 Estimated cost File5
      $0.38      0.022 DialUnits File357
$0.38 Estimated cost File357
```

\$0.07 0.022 DialUnits File155
 \$0.07 Estimated cost File155
 \$0.20 0.022 DialUnits File172
 \$0.20 Estimated cost File172
 OneSearch, 4 files, 0.089 DialUnits FileOS
 \$0.77 Estimated cost this search
 \$0.77 Estimated total session cost 0.089 DialUnits

File 410:Chronolog(R) 1981-2002/Sep
 (c) 2002 The Dialog Corporation

Set	Items	Description
---	-----	-----

```

? set hi ;set hi
HIGHLIGHT set on as ''
HIGHLIGHT set on as ''
? e AU=JOLIVET MICHEL or au=JOLIVET MICHEL C or au=JOLIVET c or au=ARNAUD MICHEL
or au=DALBON PASCAL or AU=SIMON MICHEL or AU=SEBBAG MIREILLE or AU=SERRE GUY
>>>= is in the wrong position for expand
? s AU=JOLIVET MICHEL or au=JOLIVET MICHEL C or au=JOLIVET c or au=ARNAUD MICHEL
or au=DALBON PASCAL or AU=SIMON MICHEL
>>>Prefix "AU" is undefined
      0 AU=JOLIVET MICHEL
      0 AU=JOLIVET MICHEL C
      0 AU=JOLIVET C
      0 AU=ARNAUD MICHEL
      0 AU=DALBON PASCAL
      0 AU=SIMON MICHEL
S1      0 AU=JOLIVET MICHEL OR AU=JOLIVET MICHEL C OR AU=JOLIVET C
        OR AU=ARNAUD MICHEL OR AU=DALBON PASCAL OR AU=SIMON
        MICHEL
? s filaggrin or antifilaggrin
      0 FILAGGRIN
      0 ANTIFILAGGRIN
S2      0 FILAGGRIN OR ANTIFILAGGRIN
? b 5, 155, 172, 357
      03oct02 12:24:40 User268147 Session D11.5
      $0.00      0.287 DialUnits File410
      $0.00 Estimated cost File410
      $1.30 TELNET
      $1.30 Estimated cost this search
      $2.07 Estimated total session cost    0.376 DialUnits
  
```

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2002/Sep W5
 (c) 2002 BIOSIS

*File 5: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 155:MEDLINE(R) 1966-2002/Sep W5

*File 155: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 172:EMBASE Alert 2002/Sep W5

(c) 2002 Elsevier Science B.V.

File 357:Derwent Biotech Res. 1982-2002/June W1

(c) 2002 Thomson Derwent & ISI

*File 357: File enhancements now online. See HELP NEWS 357.

Alert feature enhanced for multiple files, etc. See HELP ALERT.

Set	Items	Description
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```

? s filaggrin or antifilaggrin
      1019 FILAGGRIN
      42 ANTIFILAGGRIN
S1      1029 FILAGGRIN OR ANTIFILAGGRIN
  
```

```

? s antigen or autoantigen
    588957 ANTIGEN
    6943 AUTOANTIGEN
    S2 593116 ANTIGEN OR AUTOANTIGEN
? s carrier
    S3 152026 CARRIER
? s antibod$ or autoantibod$
    0 ANTIBOD$
    0 AUTOANTIBOD$
    S4 0 ANTIBOD$ OR AUTOANTIBOD$
? s antibod! ot autoantibod!
>>>The term "ANTIBOD! OT AUTOANTIBOD" does not exist in File 5.
>>>The term "ANTIBOD! OT AUTOANTIBOD" does not exist in File 155.
>>>The explode feature is not available in the File 172
>>> Descriptor field.
>>>The explode feature is not available in the File 357
>>> Descriptor field.
    S5 0 ANTIBOD! OT AUTOANTIBOD!
? s antibody or autoantibody
    758995 ANTIBODY
    15957 AUTOANTIBODY
    S6 767934 ANTIBODY OR AUTOANTIBODY
? s antibodies or autoantibodies
    712107 ANTIBODIES
    57596 AUTOANTIBODIES
    S7 739306 ANTIBODIES OR AUTOANTIBODIES
? s s6 or s7
    767934 S6
    739306 S7
    S8 1180061 S6 OR S7
? s rheumatoid
    S9 118741 RHEUMATOID
? s conjugate or conjugated
    41088 CONJUGATE
    57662 CONJUGATED
    S10 92718 CONJUGATE OR CONJUGATED
? s label or labeled
    72325 LABEL
    290679 LABELED
    S11 341162 LABEL OR LABELED
? s au=serre guy
    S12 27 AU=SERRE GUY
? e au=girbal

```

Ref	Items	Index-term
E1	2	AU=GIRBACH L
E2	1	AU=GIRBACH LYNETTE
E3	0	*AU=GIRBAL
E4	2	AU=GIRBAL A
E5	21	AU=GIRBAL E
E6	4	AU=GIRBAL ELISABETH
E7	9	AU=GIRBAL J
E8	1	AU=GIRBAL J C
E9	20	AU=GIRBAL J P
E10	4	AU=GIRBAL JOSEP
E11	12	AU=GIRBAL L
E12	12	AU=GIRBAL LAURENCE

Enter P or PAGE for more

? p

Ref	Items	Index-term
E13	1	AU=GIRBAL LLADO J
E14	1	AU=GIRBAL M E

E15	9	AU=GIRBAL-NEUHAUSER E
E16	4	AU=GIRBAL-NEUHAUSER ELISABETH
E17	2	AU=GIRBAN I
E18	18	AU=GIRBARDT M
E19	8	AU=GIRBARDT R
E20	1	AU=GIRBASOVA A
E21	1	AU=GIRBASOVA A V
E22	10	AU=GIRBAU E
E23	7	AU=GIRBAU GARCIA M R
E24	3	AU=GIRBAU J

Enter P or PAGE for more

? p

Ref	Items	Index-term
E25	24	AU=GIRBAU M
E26	1	AU=GIRBAU R
E27	9	AU=GIRBE F
E28	3	AU=GIRBEA A M
E29	1	AU=GIRBEA D
E30	6	AU=GIRBEA S
E31	1	AU=GIRBES A
E32	77	AU=GIRBES A R
E33	35	AU=GIRBES A R J
E34	2	AU=GIRBES A.R.J.
E35	1	AU=GIRBES ARJ
E36	1	AU=GIRBES ARMAN R

Enter P or PAGE for more

? s e15 or e16

	9	AU=GIRBAL-NEUHAUSER E
	4	AU=GIRBAL-NEUHAUSER ELISABETH
S13	13	AU='GIRBAL-NEUHAUSER E' OR AU='GIRBAL-NEUHAUSER ELISABETH'

? s au=vincent christian

S14	13	AU=VINCENT CHRISTIAN
-----	----	----------------------

? s simon michel

S15	0	SIMON MICHEL
-----	---	--------------

? s au=simon michel

S16	26	AU=SIMON MICHEL
-----	----	-----------------

? s au=sebbag mirielle

S17	0	AU=SEBBAG MIRIELLE
-----	---	--------------------

? s au=dalbon pascal

S18	13	AU=DALBON PASCAL
-----	----	------------------

? e au=sebbag

Ref	Items	Index-term
E1	3	AU=SEBBA L
E2	2	AU=SEBBA O
E3	0	*AU=SEBBAG
E4	3	AU=SEBBAG A
E5	8	AU=SEBBAG D
E6	1	AU=SEBBAG F
E7	21	AU=SEBBAG G
E8	1	AU=SEBBAG G T
E9	3	AU=SEBBAG GILBERT
E10	14	AU=SEBBAG H
E11	3	AU=SEBBAG HUGUES
E12	1	AU=SEBBAG I

Enter P or PAGE for more

? p

Ref	Items	Index-term
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E13 1 AU=SEBBAG IGAL
E14 31 AU=SEBBAG L
E15 21 AU=SEBBAG LAURENT
E16 27 AU=SEBBAG M
E17 1 AU=SEBBAG M D HUGUES
E18 1 AU=SEBBAG M.
E19 11 AU=SEBBAG MIREILLE
E20 1 AU=SEBBAG N
E21 3 AU=SEBBAG R
E22 1 AU=SEBBAG ROBERT
E23 4 AU=SEBBAG U
E24 1 AU=SEBBAG V

Enter P or PAGE for more

? s e18 or e19

1 AU=SEBBAG M.
11 AU=SEBBAG MIREILLE

S19 12 AU='SEBBAG M.' OR AU='SEBBAG MIREILLE'

? s au=jolivet-reynaud colette

S20 12 AU=JOLIVET-REYNAUD COLETTE

?

<-----User Break----->

<-----User Break----->

Connecting via Winsock to Dialog

Logging in to Dialog

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

ENTER PASSWORD:

Welcome to DIALOG

Dialog level 02.09.15D

Last logoff: 03oct02 12:51:57

Logon file405 04oct02 13:49:25

*** ANNOUNCEMENT ***

--The following files from Cambridge Scientific Abstracts (CSA) are no longer available: 14, 28, 32, 33, 36, 37, 41, 44, 56, 61, 76, 77, 108, 117, 232, 238, 269, 293, 335. Please enter HELP CSA plus the file number to identify alternative sources of information. Example: HELP CSA14.

--File 515 D&B Dun's Electronic Business Directory is now online completely updated and redesigned. For details, see HELP NEWS 515.

--File 990 - NewsRoom now contains May 2002 to present records. File 993 - NewsRoom archive contains 2002 records from January 2002-April 2002. To search all 2002 records, BEGIN 990,993 or B NEWS2002.

--Alerts have been enhanced to allow a single Alert profile to be stored and run against multiple files. Duplicate removal is available across files and for up to 12 months. The Alert may be run according to the file's update frequency or according to a custom calendar-based schedule. There are no additional prices for these enhanced features. See HELP ALERT for more information.

--U.S. Patents Fulltext (File 654) has been redesigned with new search and display features. See HELP NEWS 654 for information.

--Connect Time joins DialUnits as pricing options on Dialog. See HELP CONNECT for information.

--CLAIMS/US Patents (Files 340,341, 942) have been enhanced with both application and grant publication level in a single record. See HELP NEWS 340 for information.

--SourceOne patents are now delivered to your email inbox as PDF replacing TIFF delivery. See HELP SOURCE1 for more information.

--Important news for public and academic libraries. See HELP LIBRARY for more information.

--Important Notice to Freelance Authors--
See HELP FREELANCE for more information

For information about the access to file 43 please see Help News43.

NEW FILES RELEASED

***Dialog NewsRoom - Current 3-4 months (File 990)
***Dialog NewsRoom - 2002 Archive (File 993)
***Dialog NewsRoom - 2001 Archive (File 994)
***Dialog NewsRoom - 2000 Archive (File 995)
***TRADEMARKSCAN-Finland (File 679)
***TRADEMARKSCAN-Norway (File 678)
***TRADEMARKSCAN-Sweden (File 675)

UPDATING RESUMED

***Delphes European Business (File 481)

RELOADED

***D&B Dun's Electronic Business Directory (File 515)
***U.S. Patents Fulltext 1976-current (File 654)
***Population Demographics (File 581)
***Kompass Western Europe (File 590)
***D&B - Dun's Market Identifiers (File 516)

REMOVED

***Chicago Tribune (File 632)
***Fort Lauderdale Sun Sentinel (File 497)
***The Orlando Sentinel (File 705)
***Newport News Daily Press (File 747)
***U.S. Patents Fulltext 1980-1989 (File 653)
***Washington Post (File 146)
***Books in Print (File 470)
***Court Filings (File 793)
***Publishers, Distributors & Wholesalers of the U.S. (File 450)
***State Tax Today (File 791)
***Tax Notes Today (File 790)
***Worldwide Tax Daily (File 792)
***ISMEC: Mechanical Engineering Abstracts (File 14)
***Oceanic Abstracts (File 28)
***METADEX: Metals Science (File 32)
***Aluminium Industry Abstracts (File 33)
***Linguistics and Language Behavior Abstracts (File 36)
***Sociological Abstracts (File 37)
***Pollution Abstracts (File 41)
***Aquatic Sciences and Fisheries Abstracts (File 44)
***ARTbibliographies Modern (File 56)
***LISA (Library & Information Science Abstracts) (File 61)
***Life Sciences Collection (File 76)
***Conference Papers Index (File 77)
***Aerospace Database (File 108)
***Water Resources Abstracts (File 117)
***Applied Social Sciences Index and Abstracts (File 232)
***Abstracts in New Technologies and Engineering (File 238)
***Materials Business File (File 269)
***Engineered Materials Abstracts (File 293)
***Ceramic Abstracts (File 335)

New document supplier

IMED has been changed to INFOTRIE (see HELP OINFOTRI)

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<
>>> of new databases, price changes, etc. <<<

SYSTEM:HOME

Cost is in DialUnits

Menu System II: D2 version 1.7.8 term=ASCII

*** DIALOG HOMEBASE(SM) Main Menu ***

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

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/H = Help

/L = Logoff

/NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

? b 410

04oct02 13:49:27 User268147 Session D12.1
\$0.00 0.164 DialUnits FileHomeBase
\$0.00 Estimated cost FileHomeBase
\$0.00 Estimated cost this search
\$0.00 Estimated total session cost 0.164 DialUnits

File 410:Chronolog(R) 1981-2002/Sep
(c) 2002 The Dialog Corporation

Set	Items	Description
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? set hi ;set hi

HIGHLIGHT set on as ''

HIGHLIGHT set on as ''

? B 5, 357

04oct02 13:49:41 User268147 Session D12.2
\$0.00 0.071 DialUnits File410
\$0.00 Estimated cost File410
\$0.05 TELNET
\$0.05 Estimated cost this search
\$0.05 Estimated total session cost 0.234 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2002/Sep W5

(c) 2002 BIOSIS

*File 5: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 357:Derwent Biotech Res. 1982-2002/June W1

(c) 2002 Thomson Derwent & ISI

*File 357: File enhancements now online. See HELP NEWS 357.

Alert feature enhanced for multiple files, etc. See HELP ALERT.

Set	Items	Description
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? S CITRULLINE OR ARGININE

3541 CITRULLINE

67348 ARGININE

S1 68487 CITRULLINE OR ARGININE

? S FILAGGRIN OR ANTIFILAGGRIN

528 FILAGGRIN

17 ANTIFILAGGRIN

S2 535 FILAGGRIN OR ANTIFILAGGRIN

? S S1 AND S2

68487 S1
535 S2
S3 22 S1 AND S2
? TYPE S3/FREE/ALL

3/6/1 (Item 1 from file: 5)
13865839 BIOSIS NO.: 200200494660
Characterization of a novel gene with **filaggrin**-like repeats that is
expressed late in epidermal differentiation.
2002

3/6/2 (Item 2 from file: 5)
13602120 BIOSIS NO.: 200200230941
Sequential reorganization of cornified cell keratin filaments involving
filaggrin -mediated compaction and keratin 1 deimination.
2002

3/6/3 (Item 3 from file: 5)
12824627 BIOSIS NO.: 200100031776
Progress in the use of biochemical and biological markers for evaluation of
rheumatoid arthritis.
2000

3/6/4 (Item 4 from file: 5)
12794170 BIOSIS NO.: 200100001319
Human peptidylarginine deiminase type III: Molecular cloning and nucleotide
sequence of the cDNA, properties of the recombinant enzyme, and
immunohistochemical localization in human skin.
2000

3/6/5 (Item 5 from file: 5)
12248070 BIOSIS NO.: 200000001572
Studies on specificity of peptidylarginine deiminase reactions using an
immunochemical probe that recognizes an enzymatically deiminated partial
sequence of mouse keratin K1.
1999

3/6/6 (Item 6 from file: 5)
11715357 BIOSIS NO.: 199800497088
Deimination of 70-kD nuclear protein during epidermal apoptotic events in
vitro.
1998

3/6/7 (Item 7 from file: 5)
11686962 BIOSIS NO.: 199800468693
Epitope mapping of natural **filaggrin** leads to the identification of
rheumatoid arthritis-immunoreactive epitopes containing ***citrulline*** .
1998

3/6/8 (Item 8 from file: 5)
11377066 BIOSIS NO.: 199800158398
The modified **arginine** residue **citrulline** is the major
constituent of epitopes recognized by autoantibodies in sera from
rheumatoid arthritis patients.
1997

3/6/9 (Item 9 from file: 5)
11312789 BIOSIS NO.: 199800094121
Citrulline is an essential constituent of antigenic determinants
recognized by rheumatoid arthritis-specific autoantibodies.
1998

3/6/10 (Item 10 from file: 5)
10776051 BIOSIS NO.: 199799397196
Evidence that peptidylarginine deiminase functions as an antichaperonin.
1996

3/6/11 (Item 11 from file: 5)
10744491 BIOSIS NO.: 199799365636
Detection of several families of deiminated proteins derived from
filaggrin and keratins in guinea pig skin.
1996

3/6/12 (Item 12 from file: 5)
10695789 BIOSIS NO.: 199799316934
Protein unfolding by peptidylarginine deiminase. Substrate specificity and
structural relationships of the natural substrates trichohyalin and
filaggrin .
1996

3/6/13 (Item 13 from file: 5)
10579552 BIOSIS NO.: 199699200697
Preferential deimination of keratin K1 and **filaggrin** during the
terminal differentiation of human epidermis.
1996

3/6/14 (Item 14 from file: 5)
10321880 BIOSIS NO.: 199698776798
Characterization of an immortalized cell line from a patient with
epidermolytic hyperkeratosis.
1996

3/6/15 (Item 15 from file: 5)
09998065 BIOSIS NO.: 199598452983
Detection of deiminated proteins in rat skin: Probing with a monospecific
antibody after modification of ***citrulline*** residues.
1995

3/6/16 (Item 16 from file: 5)
09858831 BIOSIS NO.: 199598313749
Rat epidermal cathepsin B: Purification and characterization of proteolytic
properties toward ***filaggrin*** and synthetic substrates.
1995

3/6/17 (Item 17 from file: 5)
05204115 BIOSIS NO.: 000082044737
ISOLATION AND CHARACTERIZATION OF A 30-KILODALTON MEMBRANE GLYCOPROTEIN
FROM HUMAN STRATUM CORNEUM
1986

3/6/18 (Item 18 from file: 5)
04290305 BIOSIS NO.: 000078019847
HISTIDINE-RICH PROTEINS FILAGGRINS STRUCTURAL AND FUNCTIONAL HETEROGENEITY
DURING EPIDERMAL DIFFERENTIATION
1983

3/6/19 (Item 19 from file: 5)
04094068 BIOSIS NO.: 000027003620
BIOSYNTHESIS OF MOUSE EPIDERMAL **FILAGGRIN**
1983

3/6/20 (Item 20 from file: 5)
03964215 BIOSIS NO.: 000076049781
THE CHARACTERIZATION OF HUMAN EPIDERMAL **FILAGGRIN** A HISTIDINE-RICH
KERATIN FILAMENT AGGREGATING PROTEIN
1983

3/6/21 (Item 1 from file: 357)
0240251 DBA Accession No.: 1999-10856
Citrulline containing peptides for arthritis therapy -
citrulline containing filament protein and monoclonal antibody
used in rheumatoid arthritis therapy 1999

3/6/22 (Item 2 from file: 357)
0224265 DBA Accession No.: 98-05862
New artificial antigen recognized by anti-**filaggrin** autoantibodies -
recombinant **filaggrin** antigen preparation for use in rheumatoid
polyarthritis diagnosis 1998
? S RHEUMATOID
S4 53764 RHEUMATOID
? S ANTIBOD\$ OR AUTOANTIBOD\$
0 ANTIBOD\$
0 AUTOANTIBOD\$
S5 0 ANTIBOD\$ OR AUTOANTIBOD\$
? S ANTOBODY OR AUTOANTIBODIES
33 ANTOBODY
17146 AUTOANTIBODIES
S6 17178 ANTOBODY OR AUTOANTIBODIES
? S ANTIBODY OR ANTIBODIES OR AUTOANTIBODY
364815 ANTIBODY
302185 ANTIBODIES
9210 AUTOANTIBODY
S7 553601 ANTIBODY OR ANTIBODIES OR AUTOANTIBODY
? S ANTIGEN OR ANTIGENS
291649 ANTIGEN
128617 ANTIGENS
S8 364320 ANTIGEN OR ANTIGENS
? S CARRIER AND MOLECULE
53099 CARRIER
134530 MOLECULE
S9 1798 CARRIER AND MOLECULE
? S CONJUGATE OR CONJUGATED
22744 CONJUGATE
30886 CONJUGATED
S10 50598 CONJUGATE OR CONJUGATED
? S S2 AND S4
535 S2
53764 S4
S11 39 S2 AND S4
? TYPE S11/FREE/ALL

11/6/1 (Item 1 from file: 5)
13840216 BIOSIS NO.: 200200469037
An eight year prospective study of outcome prediction by antiperinuclear
factor and antikeratin antibodies at onset of ***rheumatoid*** arthritis.
2002

11/6/2 (Item 2 from file: 5)
13808828 BIOSIS NO.: 200200437649
Characterization of autoreactive T cells to the autoantigens heterogeneous
nuclear ribonucleoprotein A2 (RA33) and **filaggrin** in patients with
rheumatoid arthritis.
2002

11/6/3 (Item 3 from file: 5)
13563219 BIOSIS NO.: 200200192040
Improvement in diagnosis of **rheumatoid** arthritis using dual indirect
immunofluorescence and immunoblotting assays for **antifilaggrin**
autoantibodies: A retrospective 3 year study.
2002

11/6/4 (Item 4 from file: 5)
13535358 BIOSIS NO.: 200200164179
[Antikeratin antibodies.]
ORIGINAL LANGUAGE TITLE: Anticuerpos antiqueratina.
2001

11/6/5 (Item 5 from file: 5)
13330219 BIOSIS NO.: 200100537368
HLA DR shared epitope, **rheumatoid** factor, anti-perinuclear factor,
antifilaggrin and anti-cyclic citrullinated peptide antibodies in
patients with longstanding **rheumatoid** arthritis: Relation with
radiological progression.
2001

11/6/6 (Item 6 from file: 5)
13324173 BIOSIS NO.: 200100531322
Studying the role of the citrullin-containing epitopes of **filaggrin**
in ***rheumatoid*** arthritis.
2001

11/6/7 (Item 7 from file: 5)
13277718 BIOSIS NO.: 200100484867
Antifilaggrin antibodies in early **rheumatoid** arthritis may
predict radiological progression.
2001

11/6/8 (Item 8 from file: 5)
13239421 BIOSIS NO.: 200100446570
Performance of two ELISAs for **antifilaggrin** autoantibodies, using
either affinity purified or deiminated recombinant human **filaggrin**,
in the diagnosis of ***rheumatoid*** arthritis.
2001

11/6/9 (Item 9 from file: 5)
13224443 BIOSIS NO.: 200100431592

Antifilaggrin antibodies within "normal" range predict
rheumatoid arthritis in a linear fashion.
2000

11/6/10 (Item 10 from file: 5)
12847141 BIOSIS NO.: 200100054290
Association of autoantibodies to **filaggrin** with an active disease in
early ***rheumatoid*** arthritis.
2001

11/6/11 (Item 11 from file: 5)
12824627 BIOSIS NO.: 200100031776
Progress in the use of biochemical and biological markers for evaluation of
rheumatoid arthritis.
2000

11/6/12 (Item 12 from file: 5)
12799589 BIOSIS NO.: 200100006738
Association of **rheumatoid** factors and anti-**filaggrin** antibodies
with severity of erosions in ***rheumatoid*** arthritis.
2000

11/6/13 (Item 13 from file: 5)
12777913 BIOSIS NO.: 200000531536
Antifilaggrin autoantibodies in early ***rheumatoid*** arthritis.
2000

11/6/14 (Item 14 from file: 5)
12687020 BIOSIS NO.: 200000440522
Histopathology and molecular pathology of synovial B-lymphocytes in
rheumatoid arthritis.
2000

11/6/15 (Item 15 from file: 5)
12585961 BIOSIS NO.: 200000339463
Prognostic factors in early ***rheumatoid*** arthritis.
2000

11/6/16 (Item 16 from file: 5)
12401779 BIOSIS NO.: 200000155281
In the **rheumatoid** pannus, anti-**filaggrin** autoantibodies are
produced by local plasma cells and constitute a higher proportion of IgG
than in synovial fluid and serum.
2000

11/6/17 (Item 17 from file: 5)
12011188 BIOSIS NO.: 199900291707
Antiperinuclear factor in psoriatic arthropathy.
1999

11/6/18 (Item 18 from file: 5)
11871754 BIOSIS NO.: 199900117863
Anti-perinuclear factor compared with the so called "antikeratin"
antibodies and antibodies to human epidermis **filaggrin**, in the
diagnosis of arthritides.

1999

11/6/19 (Item 19 from file: 5)
11688325 BIOSIS NO.: 199800470056
Increased frequency of **antifilaggrin** antibody in patients with
rheumatoid arthritis.

1998

11/6/20 (Item 20 from file: 5)
11686962 BIOSIS NO.: 199800468693
Epitope mapping of natural **filaggrin** leads to the identification of
rheumatoid arthritis-immunoreactive epitopes containing citrulline.

1998

11/6/21 (Item 21 from file: 5)
11600562 BIOSIS NO.: 199800382001
Rheumatoid factor detected by ELISA, anti-**filaggrin** antibodies
are useful markers for early diagnosis of community cases of
rheumatoid arthritis.

1998

11/6/22 (Item 22 from file: 5)
11490885 BIOSIS NO.: 199800272217
Diagnostic value of antibodies to **filaggrin** in **rheumatoid**
arthritis.

1998

11/6/23 (Item 23 from file: 5)
11490884 BIOSIS NO.: 199800272216
Immunoblotting detection of autoantibodies to human epidermis
filaggrin : A new diagnostic test for ***rheumatoid*** arthritis.

1998

11/6/24 (Item 24 from file: 5)
11476053 BIOSIS NO.: 199800257385
Purification of **filaggrin** from human epidermis and measurement of
antifilaggrin autoantibodies in sera from patients with
rheumatoid arthritis by an enzyme-linked immunosorbent assay.

1998

11/6/25 (Item 25 from file: 5)
11377066 BIOSIS NO.: 199800158398
The modified arginine residue citrulline is the major constituent of
epitopes recognized by autoantibodies in sera from **rheumatoid**
arthritis patients.

1997

11/6/26 (Item 26 from file: 5)
11376930 BIOSIS NO.: 199800158262
Rheumatoid factor detected by ELISA, anti-**filaggrin** and anti-Sa
antibodies are useful markers for early diagnosis of community cases of
rheumatoid arthritis.

1997

11/6/27 (Item 27 from file: 5)

11312789 BIOSIS NO.: 199800094121
Citrulline is an essential constituent of antigenic determinants recognized
by ***rheumatoid*** arthritis-specific autoantibodies.
1998

11/6/28 (Item 28 from file: 5)
10882756 BIOSIS NO.: 199799503901
Normal human epidermal keratinocytes express in vitro specific molecular
forms of (pro)filaggrin recognized by rheumatoid
arthritis-associated ***antifilaggrin*** autoantibodies.
1997

11/6/29 (Item 29 from file: 5)
10817894 BIOSIS NO.: 199799439039
Antibodies to filaggrin are not equally prevalent in all populations
of patients with ***rheumatoid*** arthritis (RA).
1997

11/6/30 (Item 30 from file: 5)
10812910 BIOSIS NO.: 199799434055
Filaggrin (keratin) autoantibodies.
BOOK TITLE: Autoantibodies
1996

11/6/31 (Item 31 from file: 5)
10331535 BIOSIS NO.: 199698786453
Predictors of joint damage in ***rheumatoid*** arthritis.
1996

11/6/32 (Item 32 from file: 5)
10225378 BIOSIS NO.: 199698680296
Trends in ***rheumatoid*** arthritis research.
1995

11/6/33 (Item 33 from file: 5)
09905238 BIOSIS NO.: 199598360156
The antiperinuclear factor and the so-called antikeratin antibodies are the
same ***rheumatoid*** arthritis-specific autoantibodies.
1995

11/6/34 (Item 34 from file: 5)
09780912 BIOSIS NO.: 199598235830
The rheumatoid arthritis-associated autoantibodies to filaggrin
label the fibrous matrix of the cornified cells but not the
profilaggrin-containing keratohyalin granules in human epidermis.
1995

11/6/35 (Item 35 from file: 5)
09023083 BIOSIS NO.: 199497031453
Characterisation of the rat oesophagus epithelium antigens defined by the
so-called 'antikeratin antibodies', specific for rheumatoid
arthritis.
1993

11/6/36 (Item 36 from file: 5)

08972868 BIOSIS NO.: 199396124369

The cytokeratin filament-aggregating protein **filaggrin** is the target of the so-called "antikeratin antibodies," autoantibodies specific for ***rheumatoid*** arthritis.
1993

11/6/37 (Item 37 from file: 5)

07635090 BIOSIS NO.: 000092005034

THE PERINUCLEAR FACTOR **RHEUMATOID** ARTHRITIS-SPECIFIC AUTOANTIGEN IS NOT PRESENT IN KERATOHYALIN GRANULES OF CULTURED BUCCAL MUCOSA CELLS
1991

11/6/38 (Item 1 from file: 357)

0240251 DBA Accession No.: 1999-10856

Citrulline containing peptides for arthritis therapy - citrulline containing filament protein and monoclonal antibody used in **rheumatoid** arthritis therapy 1999

11/6/39 (Item 2 from file: 357)

0224265 DBA Accession No.: 98-05862

New artificial antigen recognized by anti-**filaggrin** autoantibodies - recombinant **filaggrin** antigen preparation for use in **rheumatoid** polyarthritis diagnosis 1998

? DS

Set	Items	Description
S1	68487	CITRULLINE OR ARGININE
S2	535	FILAGGRIN OR ANTIFILAGGRIN
S3	22	S1 AND S2
S4	53764	RHEUMATOID
S5	0	ANTIBOD\$ OR AUTOANTIBOD\$
S6	17178	ANTOBODY OR AUTOANTIBODIES
S7	553601	ANTIBODY OR ANTIBODIES OR AUTOANTIBODY
S8	364320	ANTIGEN OR ANTIGENS
S9	1798	CARRIER AND MOLECULE
S10	50598	CONJUGATE OR CONJUGATED
S11	39	S2 AND S4
? S S2 AND (S6 OR S7) AND S8		
	535	S2
	17178	S6
	553601	S7
	364320	S8
S12	30	S2 AND (S6 OR S7) AND S8
? TYPE S12/FREE/ALL		

12/6/1 (Item 1 from file: 5)

13224443 BIOSIS NO.: 200100431592

Antifilaggrin antibodies within "normal" range predict rheumatoid arthritis in a linear fashion.
2000

12/6/2 (Item 2 from file: 5)

12847141 BIOSIS NO.: 200100054290

Association of **autoantibodies** to **filaggrin** with an active disease in early rheumatoid arthritis.
2001

12/6/3 (Item 3 from file: 5)

12687020 BIOSIS NO.: 200000440522

Histopathology and molecular pathology of synovial B-lymphocytes in
rheumatoid arthritis.
2000

12/6/4 (Item 4 from file: 5)
12094295 BIOSIS NO.: 199900389144
An immunohistochemical study of abnormal keratinocyte differentiation in
molluscum contagiosum.
1999

12/6/5 (Item 5 from file: 5)
11871754 BIOSIS NO.: 199900117863
Anti-perinuclear factor compared with the so called "antikeratin"
antibodies and **antibodies** to human epidermis **filaggrin**,
in the diagnosis of arthritides.
1999

12/6/6 (Item 6 from file: 5)
11476053 BIOSIS NO.: 199800257385
Purification of **filaggrin** from human epidermis and measurement of
antifilaggrin autoantibodies in sera from patients with
rheumatoid arthritis by an enzyme-linked immunosorbent assay.
1998

12/6/7 (Item 7 from file: 5)
10882756 BIOSIS NO.: 199799503901
Normal human epidermal keratinocytes express in vitro specific molecular
forms of (pro)**filaggrin** recognized by rheumatoid
arthritis-associated ***antifilaggrin*** ***autoantibodies*** .
1997

12/6/8 (Item 8 from file: 5)
10323175 BIOSIS NO.: 199698778093
Differences of reactivity to interferon gamma in HeLa and CaSKi cells: A
combined immunocytochemical and flow-cytometric study.
1996

12/6/9 (Item 9 from file: 5)
10225378 BIOSIS NO.: 199698680296
Trends in rheumatoid arthritis research.
1995

12/6/10 (Item 10 from file: 5)
09997990 BIOSIS NO.: 199598452908
Immunohistochemical characterization of keratin expression in clear cell
acanthoma.
1995

12/6/11 (Item 11 from file: 5)
09924469 BIOSIS NO.: 199598379387
Alteration of epidermal differentiation in middle ear cholesteatoma.
1995

12/6/12 (Item 12 from file: 5)
09905238 BIOSIS NO.: 199598360156

The antiperinuclear factor and the so-called antikeratin **antibodies**
are the same rheumatoid arthritis-specific ***autoantibodies*** .
1995

12/6/13 (Item 13 from file: 5)
09780912 BIOSIS NO.: 199598235830
The rheumatoid arthritis-associated **autoantibodies** to **filaggrin**
label the fibrous matrix of the cornified cells but not the
profilaggrin-containing keratohyalin granules in human epidermis.
1995

12/6/14 (Item 14 from file: 5)
09165496 BIOSIS NO.: 199497173866
The growth and differentiation of human keratinocytes in vitro: A combined
immunohistochemical and flow cytometric study.
1994

12/6/15 (Item 15 from file: 5)
09023083 BIOSIS NO.: 199497031453
Characterisation of the rat oesophagus epithelium **antigens** defined by
the so-called 'antikeratin **antibodies**', specific for rheumatoid
arthritis.
1993

12/6/16 (Item 16 from file: 5)
08985649 BIOSIS NO.: 199396137150
Evidence of increased keratinocyte proliferation in air-liquid interface
cultures of non-bullous congenital ichthyosiform erythroderma.
1993

12/6/17 (Item 17 from file: 5)
08902157 BIOSIS NO.: 199396053658
Major histocompatibility complex and human papillomavirus type 16 E7
expression in high-grade vulvar lesions.
1993

12/6/18 (Item 18 from file: 5)
08899797 BIOSIS NO.: 199396051298
Analysis of the cornified cell envelope in lamellar ichthyosis.
1993

12/6/19 (Item 19 from file: 5)
07929257 BIOSIS NO.: 000093017655
IMMUNOCYTOCHEMICAL EVIDENCE FOR A POSSIBLE ROLE OF CROSS-LINKED
KERATINOCYTE ENVELOPES IN STRATUM CORNEUM COHESION
1991

12/6/20 (Item 20 from file: 5)
07751251 BIOSIS NO.: 000092064972
ABNORMAL DISTRIBUTION OF EPIDERMAL PROTEIN **ANTIGENS** IN PSORIATIC
EPIDERMIS
1991

12/6/21 (Item 21 from file: 5)
07635090 BIOSIS NO.: 000092005034

THE PERINUCLEAR FACTOR RHEUMATOID ARTHRITIS-SPECIFIC AUTOANTIGEN IS NOT
PRESENT IN KERATOHYALIN GRANULES OF CULTURED BUCCAL MUCOSA CELLS
1991

12/6/22 (Item 22 from file: 5)
07378545 BIOSIS NO.: 000091005225
RECONSTITUTED SKIN IN CULTURE A SIMPLE METHOD WITH OPTIMAL DIFFERENTIATION
1990

12/6/23 (Item 23 from file: 5)
07057028 BIOSIS NO.: 000089127132
PHENOTYPES AND INTERACTIONS OF HUMAN MELANOCYTES AND KERATINOCYTES IN AN
EPIDERMAL RECONSTRUCTION MODEL
1990

12/6/24 (Item 24 from file: 5)
06885336 BIOSIS NO.: 000089039264
COMPARISON OF CYTOKERATIN **FILAGGRIN** AND INVOLUCRIN PROFILES IN ORAL
LEUKOPLAKIAS AND SQUAMOUS CARCINOMAS
1989

12/6/25 (Item 25 from file: 5)
06214950 BIOSIS NO.: 000086049132
AN ASSESSMENT OF HUMAN EPIDERMAL REPAIR IN ELDERLY NORMAL SUBJECTS USING
IMMUNOHISTOCHEMICAL METHODS
1988

12/6/26 (Item 26 from file: 5)
05771136 BIOSIS NO.: 000084119543
CHANGES IN KERATINOCYTE MATURATION DURING WOUND HEALING
1987

12/6/27 (Item 27 from file: 5)
05634643 BIOSIS NO.: 000083107788
CHARACTERIZATION OF TWO MONOCLONAL **ANTIBODIES** TO HUMAN EPIDERMAL
KERATOHYALIN REACTIVITY WITH **FILAGGRIN** AND RELATED PROTEINS
1987

12/6/28 (Item 28 from file: 5)
05269061 BIOSIS NO.: 000082109686
IMMUNOLOGIC LOCALIZATION OF **FILAGGRIN** IN HUMAN ORAL EPITHELIA AND
CORRELATION WITH KERATINIZATION
1986

12/6/29 (Item 29 from file: 5)
05132068 BIOSIS NO.: 000081090193
BIOCHEMICAL EXAMINATION OF FETAL SKIN BIOPSY SPECIMENS OBTAINED BY
FETOSCOPY USE OF THE METHOD FOR ANALYSIS OF KERATINS AND **FILAGGRIN**
1986

12/6/30 (Item 1 from file: 357)
0224265 DBA Accession No.: 98-05862
New artificial **antigen** recognized by anti-**filaggrin**
autoantibodies - recombinant **filaggrin antigen**
preparation for use in rheumatoid polyarthritis diagnosis 1998

? DS

Set	Items	Description
S1	68487	CITRULLINE OR ARGININE
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S9	1798	CARRIER AND MOLECULE
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53764	S4
1798	S9
50598	S10

S13 219 S4 AND (S9 OR S10)

? S S13 AND (S6 OR S7 OR S8)

219	S13
17178	S6
553601	S7
364320	S8

S14 156 S13 AND (S6 OR S7 OR S8)

? S S14 AND (LABEL OR LABELED)

156	S14
42185	LABEL
177544	LABELED

S15 18 S14 AND (LABEL OR LABELED)

? TYPE S15/FREE/ALL

15/6/1 (Item 1 from file: 5)
12398511 BIOSIS NO.: 200000152013
Automated assay for HER-2/neu in serum.
2000

15/6/2 (Item 2 from file: 5)
12154775 BIOSIS NO.: 199900449624
Determination of tumor necrosis factor-alpha (TNF-alpha) in serum by a
highly sensitive enzyme amplified lanthanide luminescence immunoassay.
1999

15/6/3 (Item 3 from file: 5)
10945075 BIOSIS NO.: 199799566220
Capture-ELISA: A new assay for the detection of immunoglobulin M isotype
antibodies using Chlamydia trachomatis ***antigen*** .
1997

15/6/4 (Item 4 from file: 5)
08992587 BIOSIS NO.: 199497000957
Assay of D-dimer based on immunofiltration and staining with gold colloids.
1993

15/6/5 (Item 5 from file: 5)
05235183 BIOSIS NO.: 000082075805
REVERSE IMMUNOGLOBULIN M ELISA FOR TOXOPLASMOSIS SERODIAGNOSIS
1986

15/6/6 (Item 6 from file: 5)
04645558 BIOSIS NO.: 000079058595
DOUBLE-**CONJUGATE** ENZYME-LINKED IMMUNOSORBENT ASSAY ELISA FOR
IMMUNOGLOBULIN G AND IMMUNOGLOBULIN M AGAINST TREPONEMA-PALLIDUM
1984

15/6/7 (Item 7 from file: 5)
04249783 BIOSIS NO.: 000077075828
SCANNING IMMUNO ELECTRON MICROSCOPY OF A MONO CLONAL EPSTEIN BARR VIRUS
TRANSFORMED HUMAN CELL LINE PRODUCING **RHEUMATOID** FACTOR IN-VITRO
1983

15/6/8 (Item 8 from file: 5)
03310359 BIOSIS NO.: 000072038463
REVERSE ENZYME IMMUNOASSAY FOR DETECTION OF SPECIFIC ANTI TOXOPLASMA-GONDII
IMMUNO GLOBULIN M **ANTIBODIES**
1981

15/6/9 (Item 9 from file: 5)
02991755 BIOSIS NO.: 000070017373
COMPARISON OF SOLID PHASE TEST SYSTEMS FOR DEMONSTRATING **ANTIBODIES**
AGAINST HEPATITIS A VIRUS OF THE IMMUNO GLOBULIN M CLASS
1980

15/6/10 (Item 10 from file: 5)
02420083 BIOSIS NO.: 000066002624
SOLID PHASE ENZYME IMMUNOASSAY OR RADIO IMMUNOASSAY FOR THE DETECTION OF
IMMUNE COMPLEXES BASED ON THEIR RECOGNITION BY CONGLUTININ CONGLUTININ
BINDING TEST A COMPARATIVE STUDY WITH IODINE-125 **LABELED** COMPLEMENT
C-1Q BINDING AND RAJI CELL RADIO IMMUNOASSAY TESTS
1977

15/6/11 (Item 1 from file: 357)
0283581 DBA Accession No.: 2002-05428
Novel 1405 isolated polypeptides, useful for diagnosis, treatment and
prevention of neural, immune system, muscular, reproductive,
gastrointestinal, pulmonary, cardiovascular, renal and proliferative
disorders - involving vector-mediated gene transfer for expression in
host cell, for use in drug screening, disease diagnosis, prevention,
therapy, gene therapy and DNA chips 2001

15/6/12 (Item 2 from file: 357)
0283564 DBA Accession No.: 2002-05411
Soluble T cell receptor fusion or **conjugate** complexes useful in
treating malignant disorders comprises either T cell receptor and
polypeptide connected by a peptide linker or molecules covalently bound
to a **carrier** - for use in cancer, autoimmune disorder,
inflammatory disease, virus infection, allergy and diabetes diagnosis
and therapy 2001

15/6/13 (Item 3 from file: 357)
0283439 DBA Accession No.: 2002-05286
Antibodies against B Lymphocyte Stimulating polypeptides, useful for
the diagnosis and treatment of cancers and immune disorders - single
chain **antibody** Fv, monoclonal **antibody**, chimeric
antibody, humanized **antibody**, Fab, Fab', F(ab')₂

preparation useful as an immunostimulant in immunotherapy, recombinant vaccine and nucleic acid vaccine 2002

15/6/14 (Item 4 from file: 357)

0272388 DBA Accession No.: 2001-11612

Immunoassay for diagnosis or assessment of severity of osteoarthritis or **rheumatoid** arthritis, involves measuring amount of isomerized or optically inverted non-collagen protein derived from cartilage in a sample - using monoclonal **antibody** expressed by cell culture 2001

15/6/15 (Item 5 from file: 357)

0228896 DBA Accession No.: 98-10493

New conjugates of **antibody** fragments - recombinant interleukin-8 humanized **antibody**, monoclonal **antibody** or **antibody** fragment preparation by vector expression in host cell, used for disease immunotherapy or diagnosis, etc. 1998

15/6/16 (Item 6 from file: 357)

0185777 DBA Accession No.: 95-12598

New **antibodies** against interleukin-8 type B receptor - interleukin-8 receptor monoclonal **antibody** or humanized **antibody** production for use as an antiinflammatory, for detecting receptor expression and for recombinant receptor purification 1995

15/6/17 (Item 7 from file: 357)

0101777 DBA Accession No.: 90-04468

New complexes of histocompatibility glycoprotein, antigenic peptide and **label** or toxin - targeting **antigen** specific T helper cells, for the treatment and diagnosis of autoimmune diseases; DNA sequence 1989

15/6/18 (Item 8 from file: 357)

0022553 DBA Accession No.: 84-05828

Production by rat-mouse hybridomas of monoclonal **rheumatoid** factors and related monoclonal **antibodies** associated with the immune responses to the infection of *Trypanosoma lewisi* - hybridoma construction monoclonal **antibody** preparation characterization (conference abstract) 1984

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